

Cool Temperatures Return

Five days were suitable for fieldwork during the week ending July 11, according to the USDA-NASS-Michigan Statistical Office. Conditions varied widely across the State. Growers in the Upper Peninsula and northern Lower Peninsula reported cool, cloudy weather for most of the week, while localized heavy precipitation slowed down operators in areas of the southern Lower Peninsula. In other areas of the southern part of the State, soils dried out to the point that a good rain was needed. Precipitation amounts ranged from 0.07 inches in the west central Lower Peninsula to 1.32 inches in the south central Lower Peninsula. Temperatures ranged from 7 degrees below normal in the western Upper Peninsula to normal in the southeast Lower Peninsula. A farmer in the northwest, where temperatures for the week were six below normal, said “It was a wet, cold, cloudy week. We haven’t seen the sun in over a week. The weather shut haying down and left the corn pretty yellow.” A grower in the Thumb countered with, “All spring we needed it to stop raining. Now we could really use some rain.”

Field Crops

Cool temperatures and limited sunshine across the State slowed crop development during the week. Scattered rain showers hindered fieldwork. Limited **haying** was completed due to the poor weather. Growers in the north attempted to wrap up their first cutting, while farmers in the south began harvesting their second crop. Operators continued to report uneven stands in the **corn** crop. Cool temperatures contributed to the problem. Some stands were still yellowish and stunted due to the excess moisture and limited heat. Growers commented that **soybeans**, much like the corn crop, needed some sunshine and heat to move it along. Most of the **wheat** crop was near harvest. Farmers in several districts began combining over the week, weather permitting. There was still much concern about disease levels in the crop. **Dry beans** continued to advance, with nearly all of the crop emerged. Operators wrapped up their last cultivation in **sugarbeets**.

Soil moisture for week ending 07/11/04

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	1	9	79	11
Subsoil	0	7	83	10

Crop condition for week ending 07/11/04

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	1	9	35	43	12
Barley	1	11	39	46	3
Corn	5	14	39	32	10
Oats	3	10	45	36	6
Pasture	1	4	30	48	17
Soybeans	3	11	43	34	9
Winter Wheat	3	7	34	48	8

Fruit

**Apples** showed good development in the southwest, but insect activity was increasing. Frequent rainfall had kept insect populations low throughout the spring. In the southeast, apples were sizing well. Apple maggot appeared and rust mite was observed. Fruit development in the southeast was generally 5 to 8 days ahead of normal. **Tart cherry** harvest was winding down in the southwest. **Sweet cherry** harvest continued. Brown rot was a problem on both species. It was also observed on cherries in the Ridge area. **Blueberry** harvest was well underway in the southwest, where the appearance of anthracnose and Shoestring virus was a concern. In the southeast, harvest began on well-sized blueberries. Southwest grown **grapes** were past berry touch. **Raspberry** harvest continued. In the southeast, the **pear** crop was sizing up light. **Peaches** were looking good.

Vegetables

Vegetable crops continued to make progress in spite of the cooler weather over the week. Farmers continued to plant **snap beans** in the west central. Harvest of earliest plantings continued in the southwest. **Potato** growers in the central district reported finding some late blight in the crop. **Sweet corn** harvest picked up in the southeast. Harvest was expected to begin soon in the southwest. Early planted fresh market **tomatoes** were being picked in the southeast. Across the State, the rest of the tomato crop continued to flower and set fruit. **Cabbage** harvest was in full swing in the southeast, with the harvest of first plantings nearly complete. **Peppers** were setting fruit in the southwest and near bloom in the southeast. Growers continued to scout **carrot** acreage for Cercospora. **Zucchini** harvest continued in the southwest. Growers reported wilting of select varieties of **squash**. Other varieties looked good.

Crop progress for week ending 07/11/04

Crop	This week	Last week	Last year	5-year average
	Inches	Inches	Inches	Inches
Corn, height	30	21	32	37
	Percent	Percent	Percent	Percent
All hay, first cutting	89	82	95	92
All hay, second cutting	13	NA	22	26
Blueberries, harvested	1	0	6	NA
Corn, silked	2	0	1	3
Dry beans, emerged	97	76	99	98
Oats, headed	91	73	82	92
Oats, turning yellow	15	7	10	34
Soybeans, blooming	14	0	15	23
Tart cherries, harvested	28	14	32	NA
Winter wheat, turning yellow	94	79	86	96
Winter wheat, harvested	6	0	0	18

Michigan Weather Summary for Week Ending 07/11/04 <sup>1</sup>												
Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2004	2003	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	82	46		725	855		0.60	2.04	3.06	12.94		
Marquette	77	42		639	835		1.37	2.46	3.45	13.15		
Stephenson	83	46		820	1,014		0.59	2.85	4.53	14.02		
<b>Western UP</b>	83	42	-7	700	865	843	0.64	2.05	3.07	11.65	10.30	3.42
Cornell	80	45		643	897		0.42	1.01	1.91	9.30		
Sault St Marie	80	46		519	797		0.22	1.36	2.37	10.46		
<b>Eastern UP</b>	80	38	-6	578	780	685	0.42	1.47	2.39	8.81	9.68	3.19
Beulah	82	50		874	948		0.39	1.80	2.11	14.66		
Lake City	83	51		908	934		0.07	0.92	1.80	14.23		
Old Mission	83	48		833	903		0.21	0.81	1.44	11.65		
Pellston	83	43		804	899		0.44	0.79	1.52	9.55		
<b>Northwest</b>	83	43	-6	829	893	974	0.26	1.06	1.76	11.90	9.35	2.99
Alpena	79	46		822	858		0.24	1.04	1.92	9.54		
Houghton Lake	83	50		956	1,002		0.09	0.62	1.08	12.79		
Rogers City	83	52		874	873		0.27	1.01	1.88	11.09		
<b>Northeast</b>	85	46	-4	903	938	935	0.21	0.91	1.70	11.53	9.12	3.18
Fremont	84	49		1,081	1,119		0.05	1.31	1.83	13.04		
Hart	83	49		1,001	1,010		0.10	1.57	2.94	15.90		
Muskegon	83	51		1,095	1,104		0.11	1.17	3.00	16.85		
<b>West Central</b>	84	48	-4	1,035	1,055	1,083	0.07	1.41	2.50	15.72	9.58	2.54
Alma	86	52		1,191	1,119		0.07	0.60	2.74	13.13		
Big Rapids	86	48		1,116	1,055		0.34	0.84	3.98	14.56		
<b>Central</b>	86	48	-2	1,158	1,085	1,143	0.14	0.66	3.09	14.54	10.20	2.97
Bad Axe	84	51		1,026	914		1.15	1.47	2.97	13.90		
Pigeon	83	51		1,014	950		0.36	0.78	2.81	14.95		
Saginaw	85	51		1,162	1,079		0.41	0.60	2.38	13.53		
Standish	83	51		1,020	973		0.29	0.56	2.12	13.68		
<b>East Central</b>	85	48	-3	1,032	988	1,124	0.74	1.11	3.00	14.38	9.32	2.92
Fennville	87	49		1,175	1,099		0.26	1.09	2.59	12.42		
Grand Rapids	88	52		1,358	1,150		0.09	1.50	3.34	16.83		
Holland	87	50		1,203	1,103		0.05	1.47	2.64	11.17		
South Bend, IN	87	56		1,473	1,254		0.32	1.63	2.63	14.10		
Watervliet	87	52		1,287	1,144		1.81	2.96	4.32	15.80		
<b>Southwest</b>	88	49	-1	1,282	1,164	1,229	0.56	1.75	3.39	14.72	10.98	3.09
Belding	86	47		1,214	1,091		1.50	2.25	3.33	14.84		
Coldwater	85	51		1,265	1,136		3.02	4.52	5.41	15.10		
Lansing	86	50		1,284	1,150		0.69	1.31	2.68	15.28		
<b>South Central</b>	88	47	-1	1,276	1,163	1,225	1.32	2.12	3.15	15.07	10.78	3.22
Detroit	86	54		1,405	1,261		0.43	0.78	1.98	12.37		
Flint	85	49		1,331	1,194		1.30	1.75	2.90	12.91		
Romeo	86	50		1,275	1,093		0.88	1.63	2.41	14.18		
Tipton	87	50		1,271	1,140		1.81	2.02	3.00	13.33		
Toledo, OH	90	51		1,496	1,281		0.34	0.46	2.21	10.11		
<b>Southeast</b>	90	49	0	1,308	1,200	1,194	1.04	1.66	3.19	13.78	10.55	3.11

<sup>1</sup> Issued by the Federal/State Michigan Agricultural Statistics Service in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

<sup>2</sup> Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.